## H6063

(24)	13 1-6	et bottom)
Bredge No. 6063	Date, Origi	st 12 , 1915-
Sdg. Mch. Lucas	Rect Luca	Shot GG 1bs.
Turns Cor	'n Dep	th 1445 fms.
sag, cup Ligaber	Amt. Bot'm Sample	
	rowie 7	und for
Thermon, Make	(Ins	
Thermom. No.	Cor'n Ste	
Bottom Reading	. 0/24	d Temp.
Temp. Surf.	Time S. 7	Air 7
(	Time	
Density: Surf.	6	fms
Wind: Direction	Porce.	
Baromet. 50.29	Amt. of Clouds	State of Sea
Weather	60	
7-1		
Sur (Sur	face	
Direction and Force Sur	tom	
Tide		
011	1- 1'-	-01
General Locality Off	Washington	Coast
General Locality Off		700371724
		700371724
		700371724
General Locality Off  Position Tatouch do.  Chart used: No. Plotter  Drift: Direction	Light bears ?	700371724
Position Tatorch do. Chart used: No. Plotte Drift: Direction	Light bears ?	70°37'134 17042°E (time) 189343 miles 18938
Position Tatorch So. Chart used: No. Plotte Drift: Direction Depth of Haul	Light bears ?	70°37'134 17042°E (time) 189343 miles 18938
Position Tatorch do. Chart used: No. Plotte Drift: Direction	Light bears ?	70°37'134 17042°E (time) 189343 miles 18938
Position Tatorch So. Chart used: No. Plotte Drift: Direction Depth of Haul	Light bears ?	70°37'134 17042°E (time) 189343 miles 18938
Position Tatorch So. Chart used: No. Plotte Drift: Direction Depth of Haul	Light beans ? ig Shuf Ed'n Nog D	7037/134 (7042 E (Inu) 2843/13 mily 1898 istance
Position Tatorch So. Chart used: No. Plotte Drift: Direction Depth of Haul Apparatus and Rig used	Light bears ?	7037/134 (7042 E (Inu) 2843/13 mily 1898 istance
Position Tatorch So. Chart used: No. Plotte Drift: Direction Depth of Haul	Light beans ? ig Shuf Ed'n Nog D	7037/134 (7042 E (Inu) 2843/13 mily 1898 istance
Position Tatorch So. Chart used: No. Plotte Drift: Direction Depth of Haul Apparatus and Rig used	Light beans ? ig Shuf Ed'n Nog D	7037/134 (7042 E (Inu) 2843/13 mily 1898 istance
Position Tatorch So. Chart used: No. Plotte Drift: Direction Depth of Haul Apparatus and Rig used	Light beans ? ig Shuf Ed'n Nog D	7037/134 (7042 E (Inu) 2843/13 mily 1898 istance
Position Tatorch So. Chart used: No. Plotte Drift: Direction Depth of Haul Apparatus and Rig used	Light beans ? ig Shuf Ed'n Nog D	7037/134 (7042 E (Inu) 2843/13 mily 1898 istance
Position Tatorch So. Chart used: No. Plotte Drift: Direction Depth of Haul Apparatus and Rig used	Light beans ? ig Shuf Ed'n Nog D	7037/134 (7042 E (Inu) 2843/13 mily 1898 istance
Position Tatorch So. Chart used: No. Plotte Drift: Direction Depth of Haul Apparatus and Rig used	Light beans ? ig Shuf Ed'n Nog D	7037/134 (7042 E (Inu) 2843/13 mily 1898 istance
Position Tatorch So. Chart used: No. Plotte Drift: Direction Depth of Haul Apparatus and Rig used	Light beans ? ig Shuf Ed'n Nog D	7037/134 (7042 E (Inu) 2843/13 mily 1898 istance
Position Tatorch So. Chart used: No. Plotte Drift: Direction Depth of Haul Apparatus and Rig used	Light beans ? ig Shuf Ed'n Nog D	7037/134 (7042 E (Inu) 2843/13 mily 1898 istance
Position Tatorch & Chart used: No. Plotte Drift: Direction Depth of Haul Apparatus and Rig used Remarks:	Light beans ? ig Shuf Ed'n Nog D	7037/134 (7042 E (Inu) (2893/13 miles 1898 istance

(3-1)				
Dredge No. 6064	Date, _	aye	9.12	1915
Sag. Mch. Lucas	Reel		- Lead -	a Olbs.
Turns Cor'n		Dan	17. 0	O fms.
Sdg. Cup Aoft Book Character of Bottom	An	sample.		
Character of Bottom	10 B	ollow		
		(Inst	r	
Thermom. {Make		Cor'n Ster	n	
			d Temp	
Temp. Surf.	Time	S. 18	) (	60
Temp. Surf.	Time		} Air [	
Density: Surf. Wind: Direction Baromet. 30,30	g		fms.	
Wind: Direction 8		Force		
Baromet. 36,30	Amt. of	1	State of Sea	R
Weather	be			
Surfa				
$\begin{array}{c} \textit{Direction and Force} \\ \textit{of Current.} \end{array} \begin{cases} \textit{Surfa} \\ \textit{Botto} \end{cases}$	m			
Tide				
-				
General Locality Off	mas	elmid	n Co	ast
General Locality Off	Was	elmigl	n Co	ast
General Locality of	Tras	huigh	n Co 70°3 N704	813911-
General Locality Coff	Tras Light	bears distan	n Co 70°3 N 701/2	8+39++
General Locality off  Position Tatooch So. Chart used: No Plothing	Tras Light	bears distan	n Co 70°3 N 7042 1 284	ast 8139# E (Time) 43 mile
Position Tatooch & Chart used: No. Plothing Drift: Direction	Tras Light Shubs	bears distant	n Co 70°3 N 70/2 1 284 284 istance	813911 E [ (Trus) 43 mile
Position Tatorsh & Chart used: No. Plothing Drift: Direction Depth of Haul	Tras Light Shub rog	bears distan	70°3 N 70½ 1 284 1 284 1 284	ast 8139# E (time) H3 mile 3
Position Tatooch & Chart used: No. Plothing Drift: Direction	Tras Light Shubi	bears distan	n Co 70°3 N 704z 1 284 284 istance	ost 813911 E ( line) 1/13 mile
Position Tatorsh & Chart used: No. Plothing Drift: Direction Depth of Haul	Tras Light Shuti	bears distan	n Co 70°3 N 70½ 1 284 284 istance	ast 813911 E (Mus) 1/13 mile
Position Tatorsh & Chart used: No. Plothing Drift: Direction Depth of Haul	Light Shut Nog	bears distan	70°3 N 70½ 1 284 1 284 1 284	8 3 9 11 0 E ( Mue) . 143 mile 3
Position Tatorsh & Chart used: No. Plothing Drift: Direction Depth of Haul	Light Shut Nog	bears distant	70°3 N 70½ 1 284 1 284 1 284	ast 813911 9 E (trus) 43 mile 3
Position Tatorsh & Chart used: No. Plothing Drift: Direction Depth of Haul	Light Shut Nog	bears distan	70°3 N 70½ 1 284 1 284 1 284	8 3 9 11 0 E ( Mue) . 143 mile 3
Position Tatorsh. So. Chart used: No. Plotting Drift: Direction Depth of Haut Apparatus and Rig used	Light Shut Nog	bears distan	70°3 N 70½ 1 284 1 284 1 284	8 3 9 11 0 E ( Mue) . 143 mile 3
Position Tatorsh. So. Chart used: No. Plotting Drift: Direction Depth of Haut Apparatus and Rig used	Light Shut Nog	bears distan	70°3 N 70½ 1 284 1 284 1 284	8 3 9 11 0 E ( Mue) . 143 mile 3
Position Tatorsh. So. Chart used: No. Plotting Drift: Direction Depth of Haut Apparatus and Rig used	Light Shut Nog	bears distan	70°3 N 70½ 1 284 1 284 1 284	8 3 9 11 0 E ( Mue) . 143 mile 3
Position Tatorsh. So. Chart used: No. Plotting Drift: Direction Depth of Haut Apparatus and Rig used	Light Shut Nog	bears distan	70°3 N 70½ 1 284 1 284 1 284	8 3 9 11 0 E ( Mue) . 143 mile 3
Position Tatorsh. So. Chart used: No. Plotting Drift: Direction Depth of Haut Apparatus and Rig used	Light Shut Nog	bears distan	70°3 N 70½ 1 284 1 284 1 284	8 3 9 11 0 E ( Mue) . 143 mile 3
Position Tatorsh. So. Chart used: No. Plotting Drift: Direction Depth of Haut Apparatus and Rig used	Light Shut Nog	bears distan	70°3 N 70½ 1 284 1 284 1 284	8 3 9 11 0 E ( Mue) . 143 mile 3
Position Tatorsh. So. Chart used: No. Plotting Drift: Direction Depth of Haut Apparatus and Rig used	Light. Shuh Nog	bears distant p	70°3 N 7042 1 284 istance	8639" 9 E (Mus) 443 mile 3

	SOUNDING WIRE.		FMS.	DREDGING CABLE.					
M. D			0	М.	2 2033.	M. Down. Up 1			
900	120		13	50	0				
1 05	45		12	55	100				
05	45		12	0.5	200				
06	50		11	20	300				
07	5.00		10	40	400				
na	50	9	10	10	500				
101	10	1	07	10	600		-		
					700				
	-			-					
				1	800				
					900			-	
					1000				
-					1100				
					1200				
					1300				
					1400				
					1500			4	
					1600				
					1700				
					1800				
					1900				
					2000				
					2100				
					2200				
				-	2800				
					2400				
					2500				
					2600				
					2700				
					2800				
								-	
					2900				
					3000				
					3100				
					3200				
					3300		-		
					3400				
				-	3500		-		
					3600				
					3700				
					3800				
					3900				
				200	4000				
					4100				
					4200				
					4300				
					4400				
					4500				
					4600				
					4700				
			1000						
					4800				
	-	-			4900				

######################################
Sag. Mch. Sucus Reel Shot 30 1bs.
Turns Cor'n Depth fms,
Sag. Cup Loft Octobe Amt. Bot'm & Sample
Character of 20 Bottom
(Make (Instr.
Thermom. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Rottom Reading Cor'd Temm
( S. Time 1015) ( 60
Temp. Surf. Air
Time
Density: Surf fms.
Wind: Direction. Force State of
Baromet, So Clouds Sea
Weather
(Surface
Direction and Force $Surface$ of Current, $Surface$ $Surface$
Tide
EVV Innamed and the second and the s
, , , , , , , , , , , , , , , , , , , ,
General Locality Off Washington Cooch
70°40'06"
Position Tatooch & Light bear N7042 E(time)
Position Tato och do Light bear No 704° E(trus) Chart used: No Plotting Sheet Run 27812/3 mile
Position Tato och de Light hears N 7042°E(tun) Chart used: No Plotting Sheet Ed'n 278.8  Drift: Direction Distance
Position Tato och do Light bear N 7042 E(tun) Chart used: No Plotting Sheet Edin 278.8  Drift: Direction Distance  Depth of Haut
Position Tato och de Light bear N7042 E(time) Chart used: No Plotting Shed Ed'n 278.8  Drift: Direction Distance  Depth of Haul
Position Tato och do Light bean N 7042 E (trus) Chart used: No Plotting Sheet Ed'n 27819 mile Nog Distance Distance
Position Tato och de Light bear N7042 E(time) Chart used: No Plotting Shed Ed'n 278.8  Drift: Direction Distance  Depth of Haul
Position Tato och de Light bear N9042 E(time) Chart used: No Plotting Shed Run No 9 Drift: Direction Depth of Haut Apparatus and Rig used:
Position Tato och de Light bear N7042 E(time) Chart used: No Plotting Shed Ed'n 278.8  Drift: Direction Distance  Depth of Haul
Position Tato och de Light bear N9042 E(time) Chart used: No Plotting Shed Run No 9 Drift: Direction Depth of Haut Apparatus and Rig used:
Position Tato och de Light bear N9042 E(time) Chart used: No Plotting Shed Run No 9 Drift: Direction Depth of Haut Apparatus and Rig used:
Position Tato och de Light bear N9042 E(time) Chart used: No Plotting Shed Run No 9 Drift: Direction Depth of Haut Apparatus and Rig used:
Position Tato och de Light bear N9042 E(time) Chart used: No Plotting Shed Run No 9 Drift: Direction Depth of Haut Apparatus and Rig used:
Position Tato och de Light bear N9042 E(time) Chart used: No Plotting Shed Run No 9 Drift: Direction Depth of Haut Apparatus and Rig used:
Position Tato och de Light bear N9042 E(time) Chart used: No Plotting Shed Run No 9 Drift: Direction Depth of Haut Apparatus and Rig used:
Position Tato och de Light bear N9042 E(time) Chart used: No Plotting Shed Run No 9 Drift: Direction Depth of Haut Apparatus and Rig used:
Position Tato on the Sight beam No 704° E(time) Chart used: No Plotting Sheet Edin 2782 mile No 9 Drift: Direction Distance Depth of Haut Apparatus and Rigused:  Time towing h. m. Remarks:
Position Tato on the Sight beam No 704° E(time) Chart used: No Plotting Sheet Edin 2782 mile No 9 Drift: Direction Distance Depth of Haut Apparatus and Rigused:  Time towing h. m. Remarks:
Position Tato och de Light bear N704° E(time) Chart used: No Plotting Shed Ra'n No 9 Drift: Direction Depth of Haut Apparatus and Riguesed:

Bredge No. 6066 Date	ang 12 ,1915
Sdg. Mch. Lucas Re	el Lead 1bs.
Turns Cor'n	Depth fms,
Sag. oup Stft ovajo A	mt. Bot'm Sample
Character of Rottom	Ballow
Thermom.	Cor'n
(No.	Stem.
Bottom Reading	Cor'd Temp.
Temp. Surf.	1608, 60
Temp. Surf. Time	Air
Density: Surf.	fms.
Wind: Direction	Force
Baromet. 30,31 Amt. of Clouds	State of Sea
Weather	
9.3	
Direction and Force Surface Bottom	*
Bottom	
Tide	
The same	
et ma	Show to Caret
General Locality of Wa	shington Coast
General Locality of Wa	shington Coast
General Locality off ma	hears N 4040 ( ( hue)
Ceneral Locality off Tra	hears N 4040 ( hue) distant 243143 miles
Position Tatorsh So. Light Chart used: No Plotting Street Nog	hears N 4040 ( hue)  distant 243143 miles  Pistance 73.3
Position Tatooch So. Light Chart used: No Plotting Shed Mag Drift: Direction	hears N 4040 ( thue)  distant 243143 miles  Distance
Position Tatorsh do Light Chart used: No Plotting Street Nog Drift: Direction Depth of Haul	hears N 4040 ( hue)  distant 243143 miles  Distance
Position Tatooch So. Light Chart used: No Plotting Shed Mag Drift: Direction	hears N 4040 ( thue)  distant 243143 miles  Ed'n 273.3  Distance
Position Tatooch So. Light Chart used: No Plotting Street Nog Drift: Direction Depth of Haul	hears N 9040 to (bue)  distant 243143 miles  Distance
Position Tatooch So. Light Chart used: No Plotting Street Nog Drift: Direction Depth of Haul	hears N 9040 to (bue)  distant 243143 miles  Distance
Position Tatooch So. Light Chart used: No Plotting Street Nog Drift: Direction Depth of Haul	hears N 90 free (tru) clistant 2436 fr mile Edin Distance
Position Tatorsh, L. Light Chart used: No Plotting Sheet Mag Drift: Direction. Depth of Haul Apparatus and Rig used.	hears N 90 40 to thue)  distant 243/043 miles  Bistance  Time towing h. m.
Position Tatooch So. Light Chart used: No Plotting Street Nog Drift: Direction Depth of Haul	hears N 90 free (tru) clistant 2436 fr mile Edin Distance
Position Tatorsh, L. Light Chart used: No Plotting Sheet Mag Drift: Direction. Depth of Haul Apparatus and Rig used.	hears N 90 free (tru) clistant 2436 fr mile Edin Distance
Position Tatorsh, L. Light Chart used: No Plotting Sheet Mag Drift: Direction. Depth of Haul Apparatus and Rig used.	hears N 90 free (tru) clistant 2436 fr mile Edin Distance
Position Tatorsh, L. Light Chart used: No Plotting Sheet Mag Drift: Direction. Depth of Haul Apparatus and Rig used.	hears N 90 free (tru) clistant 2436 fr mile Edin Distance
Position Tatorsh, L. Light Chart used: No Plotting Sheet Mag Drift: Direction. Depth of Haul Apparatus and Rig used.	hears N 90 free (tru) clistant 2436 fr mile Edin Distance
Position Tatorsh, L. Light Chart used: No Plotting Sheet Mag Drift: Direction. Depth of Haul Apparatus and Rig used.	hears N 90 free (tru) clistant 2436 fr mile Edin Distance
Position Tatorsh, L. Light Chart used: No Plotting Sheet Mag Drift: Direction. Depth of Haul Apparatus and Rig used.	hears N 90 free (tru) clistant 2436 fr mile Edin Distance
Position Tatorsh, L. Light Chart used: No Plotting Sheet Mag Drift: Direction. Depth of Haul Apparatus and Rig used.	hears N 90 free (tru) clistant 2436 fr mile Edin Distance
Position Tatorsh, L. Light Chart used: No Plotting Sheet Mag Drift: Direction. Depth of Haul Apparatus and Rig used.	hears N 90 he (hu)  clistant 2431943 and  Edin 273.3  Distance  Time towing h. m.

SOUNDING WIRE.  J. M. Down. Up. J. M.		FMS.	DREDGING CABLE.							
T:	M. Do	WN.	UP.	T -	M.	E Mis.	M.	Down.	UP.	N
	52			08	1000500	0				
	52	30		07	10	100				
	53	30		06	30	200				
	54	10		05	45	300				
	15	20		05	10	400				
	56	35		DI	70	500				
	58	010		03	20	600				
	50	200		02	45	700				
11	59	1-1	11	01	40	800				
	1	100	1.	0	40	900				
						1000				
						1100				
						1200				
					-	1300				
						1400	-			
						1500		-		
						1600	100			
						1700	-			
						1800	-			44
						1900				200
						2000			-9	100 To 100
						2100				
						2200				
						2300		4 .		
						2400				-
						2500				
*		- 4				2600				
						2700		100		
						2800				
						2900				
						3000				
						3100				
						3200				
						3300				
						8400				
					14	3500				
						3600				
						3700				
						3800				
						3900				
						4000				
						4100				
					7	4200		-1		
						4300				
						4400				
						4500				
						4600				
						4700				
						4800				
					100	4900				

,	
Hydrog \No Date,	,19
Sdg, Mch Ree	1 ( Shot) - Us.
Turns . Cor'n	Depth You fms.
	nt. Bot'm Sample
Character of Bottom	
Thermom. $\begin{cases} Make & \dots \\ No. & \dots \end{cases}$	$Cor'n$ $\begin{cases} Instr. \\ Stem. \end{cases}$
Bottom Reading	Cor'd Temp
Temp. Surf. Time	Les OSA dir
Density: Surf.	fms.
Wind: Direction	Force
Baromet. 30,31 Amt. of Clouds	State of Sea
Weather	
Direction and Force Surface of Current.	
Tide	
General Locality Off Tra	shington Coast.
Position Tatorah Lo. Light Charl used: No Plothing Sheet No 9	
Chart used: No Planning Sheer	Ed'n
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towing h. m.
Remarks:	

Deck Officer Mr. Cosside Recorder Grand

SOUNDING WIRE.		DREDGING CABLE.			
M. Down. Up. A. M.	FMS.	M. Down. Up.			
1482012 04 00	0	1			
49 - OY 50	100				
493 Or 15	200				
\$030: 01 40	300	1 1 1			
5155 0100	400				
E23017 3020	500				
-435 1/ V7/40	600				
-600 5700	700				
1373011 30	800				
0.7104 177 100	900	1 -1			
	1000				
	1100				
	1200	1			
	1300				
	1400				
	1500				
	1600				
	1700				
	1800				
	1900				
	2000	7			
	2100				
	2200				
	2300				
	2100		1		
	2500				
	2600				
	2700				
	2800				
	2900				
	3000				
	3100				
	3200				
	::::00				
	3100				
	3500				
	2600				
	3700				
	3500				
	::900				
	-1000				
	4100				
	4200				
	4300				
1	-1100				
	4500				
	-1600				
	-1700				
	4800				

****	
Hydrog. No. 60 . Da	to, Some 12, 19 1
Sdg. Mch.	Reel Shot 3 1bs.
Turns Cor'n	Depth /644 fms.
sag. cup Sigoline	Amt. Bot'm Sample
Character of Bottom	for
(Make	(Instr
Thermom. \ No.	Cor'n Stem.
Bottom Reading	Cor'd Temp.
Time	1.24 20
Temp. Surf.	Air
Density: Surf.	fms.
Wind: Direction	Force /
Baromet, . 20, . ? O Amt. of Clouds	State of 7
Weather Le	
Direction and Force Surface	
Direction and Force of Current.	
Tide .	
	/ 1 1 - 0 /
General Locality Off Me	ashington (o ast
	700441751
Position Tatoosh So. Ligh	Lhears N7+0/2°E(hur)
Chart used: No. Plotting She	r distant 265 4/3 mile
Drift: Direction	Distance
Depth of Haul	***************************************
Apparatus and Rig used	
***************************************	Time towing li m.
Remarks:	
	•

11 1023

Deck Officer Mr. Cisk

(D) 7
Protect No. 1069. Date, 12 19 15
Sag. Meh. See Reel ( Reed Bhot 30 Ubs.
Turns Depth Pfms.
Sale Cup Sample
Character of 'Bottom
(Make(Instr.
Thermom. No Cor'n Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. Sime 7:14 of Air
Density: Surffms
Wind: Direction N. W. Force
Baromel. 20. Amt. of State of Journal Sea
Weather be
Surface
Direction and Force Surface of Ourrent.
Tide
General Locality Off Washington Coast
Position Tatooch do First bears N 70/2° E (Tun)
Chart used: No Plotting Shely Rin 258 1/13 traile
Drift: Direction Distance
Depth of Haul.
Apparatus and Rig used .
Time towing $\dots h, \dots m$ ,
Remarks:

Deck Officer Vice G. Recorder Strain 11-1023

11-1023			
SOUNDING WIRE.	222411	DREDGING CAB	LE.
am. Down UP. am.	FMS.	M. Down, Up.	М.
203 30 2/1200	0	1 1	
10 112	100		
0500 105	200		
06 00 10 25	300		
b7 10 00 V	400		
2 01 30 x 08 50	-500		
, , , , ,	600		
	700		
	800		
	900		
	1000		
	1100		
1	1200		
	1300		
	1400		
:	1500		
	1600		
	1700		
	1800		
	1900		1
	2000	1	
	2100		
•	2200		'
. 1	2300	-	1
	2100		
	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	8300		
	3100		
	2500		
	3600		
	3700		
	2800		
	3900		
	1000		
	-1100		
	4200		
	4300		
1	4400		
	4500		
	4600		
	1700		
	4800		
1 1 .	4900		

3	
Bredge No. 6070 Date,	,194
Sag. Meh. Re	el . Shot ? ) 1bs.
Turns Cor'n	Depth JVS fms.
sag. cup Suff Sryo	mt. Bot'm Sample
Character of Bottom	
Thermom. $\left\{ egin{array}{l} Make & & \\ \mathbb{N}_O, & & \end{array} \right.$	$Cor'n \begin{cases} Instr. \\ Stem, \dots \end{cases}$
Bottom Reading	Cor'd Temp.
Temp. Surf. Time	dir dir
Density: Surf.	fms,
Wind: Direction // VV	Force /
Baromet. 30:79 Amt. of Clouds	State of F.
Weather be	
Direction and Force $Surface$ $Softon$	
Tide	
General Locality Off Tra	
Position Tatoroh So. Light	bears N701/20E (tuy)
Position Tatoook & Light Churt used: No Plothing Shul No 9	clistant 253413 miles
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used .	
	Time towing
Remarks: .	

Deck Officer Mr. Glad Recorder (1777) 11-1028

SOUNDING WIRE.		DR	EDG	ING	CAB	LE.
M. Down, Up. O.M.	FMS.	M.	Dow	x. I	JP.	7
15110 20105	0	T				
50-10 30010	100		ı			
53 5 59 40	200					
54 30 (9 00)	300					
5 45 58 30	400					
5700 757 45.0	500					
4/00 / 1	600					
	700					
	800	1				
	900	i				
	1000					
	1100				1	
	1200				W	
	1300					
	1400	;				
	1500 1600					
	1700					
	1800			-		
	1900					1
	2000					
	2100					
	2200					
	2300					4
	2400					
	2500	1				
	26(10)	1				
	2700			į		
	2800					,
	2900					
	3100					
	3200					
	3300					
	3100					
	3500					
	3600					
	3700					
	2800					
	3900					
	4000					
	4100					
	4300					
1	4400					
	4500					
	4600					
	4700					
	4800		,			
	4900	1	s [			

(4	)		inf.		
Dredge No.	6077	Date,	677	1,0	, 19
Sag. Mch.	did x	Rer	1	Shot \	7bs.
Turns	Cor'n		De	pth 50	TU fins.
sag. cup Se	Ht Son	Q	nt. Bot'm Sample.		
Character of Bottom					
Thermom. ${Mak \choose No.}$	ce		$Cor'n$ $\begin{cases} In \\ SI \end{cases}$	em.	
Bottom Reading	540			r'd Temp	
Temp. Surf.	0.77	Time S.	132	Air	590
Density: Surf.		4 1		fms.	,
Wind: Directio		S. J.	Fore		
Baromet,	12/	Amt. of Clouds	2	State of Sea	
Weather	be				.,
Direction and F of Current.	corce $Surfa$ $Botton$	n			
Tide					
General Localit	off	Was	ling	ton Co	ask
General Localit					
		Light Shuts			
General Locality  Position Tate  Chart used: No	Plotting		bears dista		
Position Tate Chart used: No Drift: Direction	Plotting	Light Shuts	bears dista	70481 N 404° 248-00	
Position Tate Chart used: No	Plotting	Light Shuts	bears dista	70481 N 404° 248-00	
Position Tate Chart used: No Drift: Direction Depth of Haut	Plotting	Light Shuts	bears dista	70481 N 404° 248-00	
Position Tate Chart used: No Drift: Direction Depth of Haut	Plotting	Light Shuts	bears dista	70481 N 404° 248-00	
Position Tate Chart used: No Drift: Direction Depth of Haut	Plotting	Light Shuts No 9	bears dista	7048/ N 4042 24578 24578 Distance	E (bue)
Position Tate Chart used: Ai Drift: Direction Depth of Haut Apparatus and	Plotting	Light Shuts No 9	bears dista	7048/ N 4042 24578 24578 Distance	
Position Tate Chart used: No Drift: Direction Depth of Haut	Plotting	Light Shuts No 9	bears dista	7048/ N 4042 24578 24578 Distance	E (bue)
Position Tate Chart used: Ai Drift: Direction Depth of Haut Apparatus and	Plotting	Light Shuts No 9	bears dista	7048/ N 4042 24578 24578 Distance	E (bue)
Position Tate Chart used: Ai Drift: Direction Depth of Haut Apparatus and	Plotting	Light Shuts No 9	bears dista	7048/ N 4042 24578 24578 Distance	E (bue)
Position Tate Chart used: Ai Drift: Direction Depth of Haut Apparatus and	Plotting	Light Shuts No 9	bears dista	7048/ N 4042 24578 24578 Distance	E (bue)
Position Tate Chart used: Ai Drift: Direction Depth of Haut Apparatus and	Plotting	Light Shuts No 9	bears dista	7048/ N 4042 24578 24578 Distance	E (bue)
Position Tate Chart used: Ai Drift: Direction Depth of Haut Apparatus and	Plotting	Light Shuts No 9	bears dista	7048/ N 4042 24578 24578 Distance	E (bue)

Deck Officer 2. Recorder

SOUNDING WIRE.		DREDGING CABLE.
M. Down, Up. M.	FMS.	M. Dows, Cr N
3 1/4 = 35x00	0	
	100	f
15 50 40 16 00 50 10	200	
16-00 50 10	300	
	400	an an
3 48 25 3 48 50	500	
2 48 12 6 1160	600	
	700	
· · · · ·	800	
	900	
	1000	
	1100	
	1200	
	1300	1
	1400	) , ,
	1500	
	1600	
	1700	
	1800	
	1900	
	2000	
	2100	
	2200	
	5300	
	2100	
:	2500	
	2600	
	2700	
	2800	
	5900	
	3000	
	3100	
	3500	
	33()()	
	8400	
	3500	
	3600	
	8700	
	3800	
	3900	'
	4000	
	4100	
	4200	
	4300	
	4400	
	4500	
	4600	
	4700	
	4800	
	4900	

Drate No. 6070 Do	ste, . 5/130, 13 , 1	9.24
Sd.g. Meh.	Reel Shot 30	7bs.
Turns Cor'n		fms.
Sag. oup Brown L. St 1	Amt. Bot'm Sample	
Character of U / //	& Follow	
(Make	(Instr.	
Thermom. $\begin{cases} Make \\ No. \end{cases}$	$Cor'n \begin{cases} Instr. \\ Stem. \end{cases}$	
Bottom Reading	Cor'd Temp,	
, m		
Temp. Surf. Tim	\ .dir	
Density: Surf.	fms,	
Wind: Direction N. W.	Force	
Baromet. 30:28 Amt. o Clouds	f 6 State of 9	
Weather		
** ************************************		
Surface		
Direction and Force of Current.	***************************************	
Tide		
Andrew to select the select transport		
General Locality Off Was	shington Coash	
General Locality Off Was		
Position Tatooch Lo. Lift Chart used: No. Plotting She	bears N7042 E (time) Adislant 242 4/13 miles	
Position Tatoch L. Lift Chart used: No. Plothing Shu No.		
Position Tato och L. Lyll Chart used: No. Plothing Shu Drift: Direction No.	bears N7042 E (time) Adislant 242 4/13 miles	
Position Tatoch L. Lift Chart used: No. Plothing Shu No.	bears N7042 E (time) Adislant 242 4/13 miles	
Position Tato och L. Lyll Chart used: No. Plothing Shu Drift: Direction No.	bears N7042 E (time) Adislant 242 4/13 miles	
Position Tato och L. Lyll Chart used: No. Plothing Shu Drift: Direction No.	bears Ngoye E (tur) Arka'n 242"/13 mula	
Position Tatorsh Lo. Fyll Chart used: No. Plothing Shee No. 9 Drift: Direction Depth of Haul Apparatus and Rig used	bears N7042 E (time) Adislant 242 4/13 miles	m,
Position Tato och L. Lyll Chart used: No. Plothing Shu Drift: Direction No.	bears Ngoye E (tur) Arka'n 242"/13 mula	m.
Position Tatorsh Lo. Fyll Chart used: No. Plothing Shee No. 9 Drift: Direction Depth of Haul Apparatus and Rig used	bears Ngoye E (tur) Arka'n 242"/13 mula	. Th.
Position Tatorsh Lo. Fyll Chart used: No. Plothing Shee No. 9 Drift: Direction Depth of Haul Apparatus and Rig used	bears Ngoye E (tur) Arka'n 242"/13 mula	m,
Position Tatorsh Lo. Fyll Chart used: No. Plothing Shee No. 9 Drift: Direction Depth of Haul Apparatus and Rig used	bears Ngoye E (tur) Arka'n 242"/13 mula	nb.
Position Tatorsh Lo. Fyll Chart used: No. Plothing Shee No. 9 Drift: Direction Depth of Haul Apparatus and Rig used	bears Ngoye E (tur) Arka'n 242"/13 mula	m.
Position Tatorsh Lo. Fyll Chart used: No. Plothing Shee No. 9 Drift: Direction Depth of Haul Apparatus and Rig used	bears Ngoye E (tur) Arka'n 242"/13 mula	m.
Position Tatorsh Lo. Fyll Chart used: No. Plothing Shee No. 9 Drift: Direction Depth of Haul Apparatus and Rig used	bears Ngoye E (tur) Arka'n 242"/13 mula	m.

Recorder 1011/11/1/

Deck Officer

SOUNDING WIRE.	203461	DREDG	DREDGING CABLE.				
M. Down, UP M.	FMS.	M. Dow		The state of the s			
, t	()	1					
OH 1433	100						
	200						
	300			1			
	400						
NY 1 / 1/1	-500						
	600		:				
	700		;				
	800			1			
1	900						
	1000						
	1100						
•	1200						
	1800						
	1.100						
	1500						
	1600						
	1700 1800		'				
	1900						
	5000						
	2100						
	2200			1			
	2300						
	2100						
	2500						
	2600						
	2700						
	2800						
	2900						
	3000						
	8100						
	3200						
	3300						
	3100 3500		1				
	3600						
	3700						
	3800						
	3900			1			
	4000						
	4100	1					
	4200			-			
	4300						
	4400						
	4500						
	4600,						
	1700						
	4800						
	1000						

·.
Dredge No. 6073 Date, Uff 3 ,19
Sag. Mch. Shot Shot Us.
Turns Cor'n Depth 1 2 ? fms.
Sdg, Cup :- Amt. Bot'm Sample
Character of Bottom
Thermon. $ \begin{cases} Make & & Cor'n \\ No, & & Stem. \end{cases} $
Bottom Reading Cor'd Temp,
Temp. Surf. { Time
Density: Surf fms
Wind: Direction No. 18 Porce
Baromet, 30:30 Amt. of State of Sea
Weather
Direction and Force $Surface$ $Bottom$
Tide
General Locality Off Washington Coast
Position Tatorsh do. Light bears N7040 E (tus) Chart used: No Plotting Skeet distant 237/1/25 miles Drift: Direction Distance
Chart used: National No 9
Depth of Haul
Apparatus and Rig used
Time towing $h$ $m$ .
Remarks:

... Recorder\_Jallacid

11-1023

Deck Officer ....

11-10	23						
	UNDING W		FMS.		DREDGIN		
	Down, Up.	M.			M. Down.	UP.	М.
51			0				
5			100				
3			200	-			
5			300				
53.95 5555555			400				
5	,2%		500				
5	5 10		600			. :	
5	175		700				
5	335		800				1
31	28	vm:	900				
5	. '6		1000				
3 11	1. 0.		1100				
8 0		900001	1200				
2. 23.			1300				
3			1400			. 1	
6							
			1500				
			1600				i
			1700				
			1800				
			1900				
	,		2000				
		1	2100	1			
			5500	i			
	11 1		5300				1
			5100	1			
			2500	İ			
			2600				
			2700				
		1	2800				
			2900				
			3000				
			3100				
			3500				
			3300				
			3100				
			3500				
			3600				
			3700				
			3800		1		
			3900				
			-1000		i		1
			4100		1		
			4200		1		
			4300				
	,		4400				
			4500				
			4600				
			4700		,		
			4800	1			
			4900	-	1		
	,	*					

Dredge No. 6074	Date, Chris	/=_	, 19
Sdg. Mch.	Reel	Shot \ -Leads	lbs.
Turns Cor'	п Дер	th	fms.
Sdg. Cup Character of A Character of Bottom	Amt. Bot'm Sample		
Thermom. $\left\{egin{aligned} Make & \dots & \dots \\ No. & \dots & \dots \end{aligned}\right.$	Cor'n Ste	m.	
Bottom Reading	Cor	'd Temp	
Temp. Surf.	Time	} Air {	6
Density: Surf.	A / A 4	fms.	
Wind: Direction A	N. W Rorce	/	,
Baromet. 3	Amt. of Clouds	State of Sea	<i>/</i> .
Weather	with		
$egin{array}{l}  ext{Direction and Force} & Surf \  ext{of Current.} & Botto \end{array}$			
Tide	and the first term of the second		
General Locality Off Position Tates A So Chart used: No. Plothu Drift: Direction	Trashright dight bears N. Shut alistan	70°53'0. 70°53'0. 4 232 1/13 22.6.	tun)
Depth of Haul			
Apparatus and Rig used			
apparatus unu tez usea			
	Time towing	h.	m
Remarks; <sub>Y</sub>			

30	. /
Dredge No Da	te, (
Sdg. Mch	Reel Shot Ibs.
Turns Cor'n	Depth . fms.
Sag. Cup'	Amt. Borm Sample
Thermom. Make	Cor'n Stem.
Bottom Reading	Cor'd Temp.
Temp. Surf. Time	Air
Density: Surf.	fms.
Wind: Direction	Vorce .
Baromet. 30:30 dint of	State of C
Weather	
Direction and Force   Surface of Ourrent.   Bottom	
General Locality Off Was	shington Coast
Position Tatooch Is. Ly	let bears N70/2°E (true).
Thart used : No. Plotting Shee	red in 227/13 mile 223.5
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
temarks:	Time towing

SOUNDING WIRE.		DREDGING CA	BLE.
M. Down. Up. M.	FMS.	M. Down. Up.	
11 11 11 11 11 11 11 11 11 11 11 11 11	0		F
1	100	i .	
9	200		
ę.	300		
	400		
9	500		
1	600		
	700	1 1 1	
	800		
	900		
	. 1000		
	1100		
	1200		
	1300	1	i
	1400	1 1	
	1500		
	1600		
	1700	i	
	1800		
	1900		
	2000		
	2100		
	2200		
	2300		
	2100		
	2500		
	2600		
	2700		
	2800	1	
	2900		
	3000		
	3100		
	3200		
	3300		
	3100		
	3500		
	3600		
	3700		
	3800		
	3900		
	4000		:
	1100		
	-1200		
	4300		
	4400		
	4500		
	4600	1	
	4700		
	4800 4900		

7	,	
Irredige No. 6076 D	ate, Allen	11/5,19/5
Sdg. Mch. Lucas	Reel & sicar	Lead - 30 lbs.
Turns Cor'n	Depth	fms.
Sag. Cup Principle of Character of	Amt. Bot'm Sample	
Character of Po Pott	answer! Car.	500
Thermom. $Make$	$Cor'n$ $\begin{cases} Instr. \\ Stem. \end{cases}$	,, ,,
Bottom Reading	Cor'd	
Temp. Surf. Tin	ne 5:15-a	Air 68"
Density: Surf		fms.
Wind: Direction Il & 2	Forer	/
Baromet. 30,30 Amt.	of 2 5	State of Sea
Weather		
Direction and Force Surface of Gurrent.		
Tide		
General Locality off Mo	shington	- Coast
Position Tatorsh Lo. Lig Chart used: No Politing She No 9 Drift: Direction	Who hears No	1045 E (time)
Platting Vac	& distant	2223/13 miles
Mari used: No. Moving No 9	Ean	217.7
Drift: Direction	Dist	dance
Depth of Haul		
Apparatus and Rig used		
	Time towing	h. $m$ .
Remarks:		

SOUNDING WIRE.	777744	DREDGI	NG (	'ABI	Æ.
M. Down, UP. M.	FMS.	M. Dow:	. U	Ρ.	
80440 81340	, ,0				
05-20 1250	100				
06 1.0 12 10	200				
10705- 11.30	300				
08 05- 10 40	400			1	
09/0 809 50	500				
	600				
	700		1		1
	800				
	900				
· .	1000				
	1100				
	1200				
	1300			i	1
	1400			1	
	1500				
	1600				
	1700				
	1800 1900				
	2000				
	2100				
	2200				
	2300				
	2400				
	2500				
	2600				
	2700				
	2800				
	2900				
· ·	2000				
	3100				
	3200				
	3300				
	8100 .				
	3500				
	3600				
	3700				
	3800	1			
	3900				
	4000				,
	4100				1
	4200 4300				
	4100				
	4500				
	4600				
	4700				
	4800				
	4900				1

Date, J. Date,	Perg. 13 ,10 N-
Sdg. Meh. Cal Reel Tr	The Lead 30 1bs.
Sug. Meh. (Ca.) Reet 1.  Turns Cor'n	Depth fms.
Character of Character of Bottom	of 500
$Thermom. egin{cases} Make & & Cor' \\ No. & & \end{cases}$	n Stem.
Bottom Reading	Cor'd Temp.
Thermom. $\{Make \}$ No. Cor' No. Bottom Reading  Temp. Surf. $\{-\frac{\sqrt{2}-6}{2}, \frac{\sqrt{2}-6}{2}, $	2a_ \ dir \ 4°
Density: Surf.	fms
Wind: Direction L. L. L. M. Baromet. 3.) 3.9. Amt. of Clouds 3.	Force
Baromet. 3. 3.2. Clouds 3.	State of L
Weather Ac	
Direction and Horce Surface Bottom	
Tide	
(110- 1:	4 1
General Locality Off Prashur	glow Coast
General Locality Off Washing	7 101-17 2011
	7 101-17 2011
	7 101-17 2011
Position Tator th Lo. Light bes Chart used: No Plotting Sheet Edin Mag Drift: Direction	7 101-17 2011
Position Tato och do. Light bea Chart used: No Plotting Sheet ran Drift: Direction No 9	7 101-17 2011
Position Tator th Lo. Light bes Chart used: No Plotting Sheet Edin Mag Drift: Direction	7 101-17 2011
Position Tato och do. Light bea Chart used: No Plotting Sheet ran Drift: Direction No 9	7 101-17 2011
Position Tato och Lo. Light ber Chart used: No Plotting Sheet radio Mog Drift: Direction	an N 70 / E ( hu) start 2/7//3 onites 2/2/7. Distance
Position Tato och Lo. Light bea Chart used: No Plotting Sheet rath Drift: Direction No 9 Drift: Direction Apparatus and Rigused	an N 70 / E ( hur) start 2/7//3 onites 2/2/7. Distance
Position Tato och Lo. Light ber Chart used: No Plotting Sheet radio Mog Drift: Direction	an N 70 / E ( hu) start 2/7//3 onites 2/2/7. Distance
Position Tato och Lo. Light bea Chart used: No Plotting Sheet rath Drift: Direction No 9 Drift: Direction Apparatus and Rigused	an N 70 / E ( hu) start 2/7//3 onites 2/2/7. Distance
Position Tato och Lo. Light bea Chart used: No Plotting Sheet rath Drift: Direction No 9 Drift: Direction Apparatus and Rigused	an N 70 / E ( hu) start 2/7//3 onites 2/2/7. Distance
Position Tato och Lo. Light bea Chart used: No Plotting Sheet rath Drift: Direction No 9 Drift: Direction Apparatus and Rigused	an N 70 / E ( hu) start 2/7//3 onites 2/2/7. Distance
Position Tato och Lo. Light bea Chart used: No Plotting Sheet rath Drift: Direction No 9 Drift: Direction Apparatus and Rigused	an N 70 / E ( hu) start 2/7//3 onites 2/2/7. Distance
Position Tato och Lo. Light bea Chart used: No Plotting Sheet rath Drift: Direction No 9 Drift: Direction Apparatus and Rigused	an N 70 / E ( hu) start 2/7//3 onites 2/2/7. Distance
Position Tato och Lo. Light bea Chart used: No Plotting Sheet rath Drift: Direction No 9 Drift: Direction Apparatus and Rigused	an N 70 / E ( hu) start 2/7//3 onites 2/2/7. Distance

SOUNDING WIRE.	17751	DF	EDGIN	G CA	BLE.
A. M. Down, UP. A. M.	FMS.	M.	Down.	UP.	
1-200 9 02.00	0	- !		1	
	100	,			
r 80 0/17 1 / 10 01 64'	200		1 .		
\$ 20 9 3305	300				
	400				
19 0 8 5 210	500				
. 2 2 2 2 70	600				
	700 .				
	800 i	İ			
	900				
	1000	-			
	1100				
	1200				
	1800				
	1400				
	1500				ì
	1600				
	1700			1	
	1800				
	1900				1
	2000				
	2100				
:	2200			:	
1	2300				1
	2400				1
	2500				A
	2600				
	2700			- 1	
	2800				
	2900				
	3000				
	8100				
	3200				
	3300				
	3400				
	3500				
	8600				
	3700				
	3800				
	3900				
	4000				
	4100			1	
	4200		:		
	4800				
1	4400				
	4500				
	4600				
	4700				
	4800				
. 1 1 1	4900				1

11 (88) 43	A Mine
Bred gen Sto. 60 7 : Date,	10 /C, 10 /5
Sag. Meh. Sale Come Reel Je.	Shot Co lbs.
Turns Cor'n	Depth / fms.
Sag. Cup Long Co. Amt. Bo	ple
Character of Green Tile, 196	
Thermom. $\left\{egin{array}{ll} Make & & & & \\ \mathcal{N}_0 & & & & \\ \end{array}\right\}$	Instr. Stem.
Bottom Reading	Cor'd Temp
Temp. Surf. Time /01	00a   .lir
Density: Surf	fms.
Wind: Direction Colds	Force State of 7
Baromet, 30,32 Amt. of Clouds	State of The Sea
Weather Sc	
Direction and Force Surface of Current.	
Tide.	
General Locality . Off Washing	
Position Tatorch So Light hea Charl used: No. Plotting Sheet Ed'n	urs N 70/2° E (true)
Chart used: No. Plotting Street Ed'n	2021 211 713 miles
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
m'	lowing h. m.
	lowing
Remarks:	

Deck Officer 2011 10 11 Greender O.C. 18-1000

11-1023		TABLED (4137)	CLAST	12
SOUNDING WIRE.	FMS.	DREDGIN		
Q M. Down. Up. QM.		M. Down.	UP.	M.
9/00010 1220	Ü			
1/35- 1100	100			
1/2 30 10 10	200			
4320 0930	300			
4420 0845	400			
4525 0800	500			
4630 07 15	600			
47 35 06 30	700			
42 15 42	800	1		
+1E: 045	900			
1/ " . 7 1.	1000			
11 1 Ches				
30 - 0 0 15	1200 1300			
("/ (")   1/ (")				
5.6 1.0 10.00 10	1400			
5731 59 10		1		
9 1.810 1 25 123	1700	1		
	1800			
	1900			
	2000			
	2100			
	2200			
	2300	1		1
	2400			
	2500			
	2600			
	2700			
	2800			
	5000			:
	:3()()()			
	3100			
	3200			
	3300			
	3100			
	3500			
	:3600			
	3700			
	3800			
	3000			
	4000			
	4100			
	4200 - 4300			
1				
	4400 4500			
	4600			
	4700			
	4800			
	1900	1		
. 1 1	1 1900	1	4	

12 89	
Dredge No. Go / Date,	Cerry 18 , 1915
Sug. Mch. Lis cas Rer	Lucas Lead 30 Ths.
Turns Cor'n	Depthfms.
	nt. Bot'm } Sample
Character of S. Bottom	at 500
Thermom. $ \begin{cases} Make \\ No. \end{cases} $	Cor'n Stem.
Bottom Reading	Cor'd Temp
Temp. Surf. Time	11:00 a } Air
Density: Surf.	fms,
Wind: Direction HOM	Force /
Baromet. ZO130 Amt. of Olouds	4 State of Sea.
Weather Arc	
Direction and Force Surface of Current.	
Tide	
General Locality Off Was	hington Coash
Position Tatooch Jo. Light Chart used: No Plothing Steel	It bears N 70/2 E ( thu) distant 206 1/13 miles
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towing h. m.
Remarks:	

13.)	
Hydrog S No. ( Da	
	Reel Leads 30 1bs.
Turns Cor'n	Depthfms.
Sag. Cup	Amt. Bot'm
Character of No bol	lom at 500
Thermom.	Cor'n Instr.
No.	Stem.
Bottom Reading	Cor'd Temp.
Temp. Surf. Tim	e 12 Tuch
Density: Surf	fms.
Wind: Direction H. QV.	Force /
Baromet. 22.2.9 Amt. Cloud	of & State of O.
Weather	
Direction and Force   Surface of Current.   Bottom	
of Current. Bottom	
Tide	
General Locality Off m	ashington Coast
	Wh hears to 70% E ( time) a clistant 2018/13 mile
Chart used : No. Plothing She	Milin 1901-1/13 mile
Drift: Direction	9 Distance
Depth of Haul	
Apparatus and Rigused .	
	Time towing
Remarks:	

11--1023

Deck Officer Till Can

14	
Bredge No. 606   Date, Hydrog No. 606   Pate, Sdg. Meh. Red	11/6 17 ,10 1
Sdg, Mch	0 .
Turns Cor'n	Depth Land fms.
inng, own	mt. Bot'm Sample
Character of No 18	lallow
$Thermom. \begin{cases} Maker \\ No. \end{cases}$	$Cor'n \begin{cases} Instr. \\ Stem. \end{cases}$
Bottom Reading	Cor'd Temp
Temp. Surf. Time	12,46
Density: Surf	fms
Wind: Direction	Force /
Baromet. 300 2. C. Amt. of Clouds	
Weather	
Direction and Force Surface	
Tide	
General Locality Off Wa	shirton Coast
Position Tatorsh Is. I gled Chart used: No. Plothing Sheet No. 9	bears North E (tru)
Chart usmb: No. Plothing Shul	Ed'n 192,2
Drift: Direction	Distance
Depth of Haul.	
Apparatus and Rig used	
	Time towing $h$ $m$ .
Remarks: .	

7.5.)	./.7
114(6102.)	
Sdg. Mch. Julia to	Reel Shot 1bs.
Turns Cor'n	Depth ( fms.
Sag. Cup . : Pos	Sample :
Character of Bottom	no 1.3 1.
Make	(Instr.
Mydrog Std. Meh. Reel Shore Shore I bs.  Furns Cor'n Depth Cop pms.  Side Cup Shore Sompte  Thermont No. Cor'n Stem.  Phermont No. Cor'n Stem.  Porton Reading Cor'n Stem.  Pemp. Surf. Fime Ster.  Pemp. Surf. Fime State of State of State of State of Clouds Steal  Weather Surface of Ourrent.  Pricetion and Horce Bottom  Fide Surface of Ourrent.  Pricetion I down Surface of Ourrent.  Pricetion I down Surface of Ourrent.  Pricetion I down Surface of Ourrent.  Pricetion I down Surface of Ourrent.  Pricetion I down Surface of Ourrent.  Pricetion I down Surface of Ourrent.  Pricetion I down Surface of Ourrent.  Position I atoush of Myth bears N Toppe E (Tun) disland HH Mps mill My I was a surface of Ourrel on Distance  Depth of Haul Mpparatus and Rig used I was a surface of I was a surface of Our Manual Mpparatus and Rig used I was a surface of Our Manual Mpparatus and Rig u	
Bottom Reading	Cor'd Temp.
Temp. Surf.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Density: Surf.	fms.
Wind: Direction 1	
Baromet. 36,2 .	/
Weather .	
Direction and Force )	
Tide	
General Locality Off	Washington Coast
	Light bears Norte E (hum)
	Light bears N Tothe E (hun)
Position Tatoosh &.	Light bears No gote E (hu).  disland 1914/pointe
Position Tatorsh & Chart used : No. Plotting	Light bears No gote E (hu).  disland 1914/pointe
Position Tatorsh & . Chart used : No. Plotter, Drift: Direction	Light bears No gote E (hu).  disland 1914/pointe
Position Tatorsh & . Chart used: No. Plotting Drift: Direction Depth of Haut	Light bears No gote E (hu).  disland 1914/pointe
Position Tatorsh & . Chart used: No. Plotting Drift: Direction Depth of Haut	Light bears No gote E (hu).  disland 1914/pointe
Position Tatorsh & . Chart used: No. Plotting Drift: Direction Depth of Haut	Light bears IN gote E (hu)  chistand HH Hys mile  May  Distance
Position Tatorsh & . Chart used: No. Plotting Drift: Direction Depth of Haut	Light bears IN gote E (hu)  chistand HH Hys mile  May  Distance
Position Tatorsh & Position Chart used: No. Plotting Drift: Direction Depth of Haut	Light bears IN gote E (hu)  chistand HH Hys mile  May  Distance
Position Tatorsh & Position Chart used: No. Plotting Drift: Direction Depth of Haut	Light bears IN gote E (hu)  chistand HH Hys mile  May  Distance
Position Tatorsh & Position Chart used: No. Plotting Drift: Direction Depth of Haut	Light bears IN gote E (hu)  chistand HH Hys mile  May  Distance
Position Tatorsh & Position Chart used: No. Plotting Drift: Direction Depth of Haut	Light bears IN gote E (hu)  chistand HH Hys mile  May  Distance

1	0.3
Brede No. 7 5	Date, 01:2 13 ,1915
Sag. Meh. A. T. 70	Reel Shot 5 1bs
Turns Cor'n	
Sdg. Cup ' ' ' . ' '	-Amt. Bot'm Sample
Character of Bottom	·
Thermom. $ \begin{cases} Make & \dots \\ No, & \dots \end{cases} $	Cor'n Stem.
Bottom Reading	Cor'd Temp.
Temp. Surf.	Time
Density: Surf.	fms.
Wind: Direction 200	
Baromet, 7 . Al	mt. of L State of L
Weather	
************	
Direction and Force Surface of Current.	
Tide	
General Locality of	Trashington Coast
Position Tatooch Is &	light hears Na70/2 F (hus)
Chart used : No. Holling St	182.4
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
- /	Time towing h. m,
Remarks: 172 fue	Come in after
Remarks: 175 fue register had	funcher

Deck Officer.

Glick Recorder Blaker

0 . 94
Processor No. CC Date, 19
Sd. Meh. Reel Reel . Short Lead's 1bs.
Turns Depth fms.
Sag. Cup Cont & Por Amt. Bot'm Sample
Character of Bottom V Da Ratta
Thermon, $\begin{cases} Makr & Cor'n \\ No. & Stem. \end{cases}$
Bottom Reading Cor'd Temp.
Temp. Surf. Time J. Air
Density: Surffms.
Wind: Direction ( 1 /. al Porce 1-1
Baromet. Amt. of State of Sea
Weather
Direction and Force Surface of Ourrent. Bottom
Tide
General Locality off Washington Coast
Position Tatooch & Light hears N +042°E (hue)
Position Tatooch body to hears Noto for (hue) Chart used: No Plothing, Shet distant 18th miles No 9
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
Time towing
Remarks:

1 Recorder Bloker

Deck Officer

(8)	
Dredge No. 66 85 Date,	Jug. 1: ,19/
Salg. Meh Reel	Leads . 1bs.
Turns Cor'n	Depthfms.
	t. Bot'm Sample
Character of no bottom	
(Make	(Instr.
Thermom. $\left\{_{\mathcal{N}o.}\right\}$	Cor'n Stem.
Bottom Reading	Cor'd Temp,
Temp. Surf. Time 4.	28 \$ dir
Density: Surf.	fms.
Wind: Direction W/WW	Force
Baromet. 20. 1 Amt. of Clouds	7 State of -
Weather &	/
I Sundan	
Direction and Force Surface of Current.	
Tide	
1140	
110	1 1 0 1
General Locality off Was	huglon (o ast
Position Tatorsh to Light	bears N 70/2° E (True)
Chart used : No. Plotting Shelf Ed	distant #15 1/10 miles
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
,	
Tin	ne towingh,m,
Remarks:	to converg

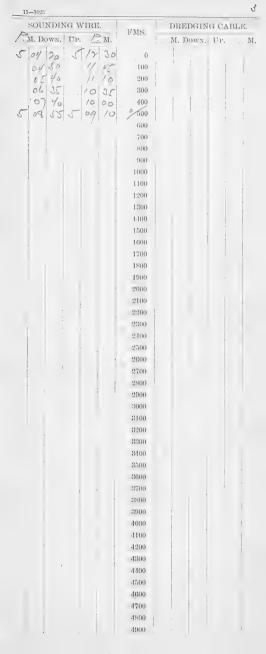
Deck Officer Jet . . . . . . . . Recorder.

11-102

11-1023		
SOUNDING WIRE.	1135.1	DREDGING CABLE.
A. Down, Up. AM.	FMS.	M. Down, Up. M
4 18 00 4 26 30	0	1
18 35 25 95		
19 35 75 10	200	
20 20 24 35	300	, ,
2/35 2400	400	
y ry 40 4 73 10	500	
	600	
	700	
. 1	800	
1	900	
'	1000	
•	1100	
	1200	
	1800	
	1400	
	1500	
	1600 1700	
	1800	
	1900	
	2000	
	2100	
	2200	
	2300	
	2400	
	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	8700	1 1 1 1
	3800	
	3900	1 -1 1 -
	4000	
	4100 4200	
	4800	
	4400	
	4500	
	4600	
	4700	
	4800	
	4900	ill

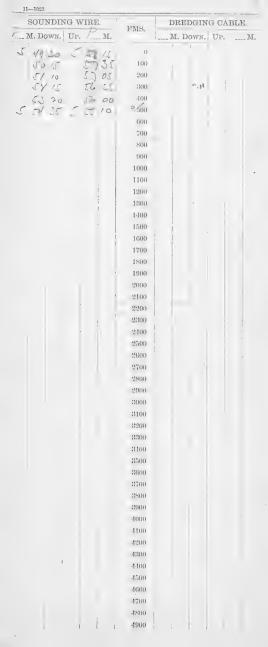
(g)		06			
Hydrog. No. 608.	Date,	Fluis .	/	3 , 18	, . "
Sdg. Meh.	Reel	→.	Leud!	30	Ils.
Turns Cor		Depth		5001	ms,
Sdg. Cup	Amt	Bot'm Sample		70-	
Character of NO	bottom	~			
(Make		(Instr.			
Thermom. \ No		Stem.			
Bottom Reading	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Cor'd	Temp		
Temp. Surf.	Time 5	15 3	Air	100	
Density: Surf	*******		fms		
Wind: Direction	V. 1.	Force	6		
Baromet, 20 . 2 3	Amt. of Clouds	ŏ s	tate of Sea		
Weather	3/- 6				
Direction and Force $\left. egin{array}{c} Sur_{i} \\ of Current. \end{array} \right _{Butt}$	farr om				
Tide					
General Locality Off	Wast	ring to	Co	art	-
Position Tates & J. Chart used: No Plotting Drift: Direction	Light	hears	1904	OE(lu	ш)
Chart used: No Plotting	Shuffer	listant	1703/13	avile,	-/-
Drift: Direction	Nog	Diste	ince		
Depth of Haul					
Apparatus and Rig used					
	Tim	e towing			m.
Remarks:					

Deck Officer



newse No. 6087 pate, Marine 12, 10/2
Sag. Mch. Lungh Reet Lead Lead 1bs.
Turns Cor'n Depth D fms.
Sag, Cup Death of Amt. Bot'm Sample
Character of no localism
Thermon, $\{Make \dots \}$ Cor'n
rnermon. \No. Stem.
Bottom Reading - Cor'd Temp.
Bottom Reading Cor'd Temp.  Temp. Surf.  Time 6:00 \$ .4ir
Density: Surf fms.
Wind: Direction WNW Force 1
Baromel. 30.23 Amt. of 8 State of Z
Weather to
Direction and Force Surface of Gurrent. Solution
Tide
. \ A
General Locality Off Washington Coast
Position Tato sh Is Light hear N7042 E (turn). Chart used: No Plotting Sheet Edit 16745 mile Drift: Direction Distance
Chart used: No. Plotting Sheet Ed'n
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
Time towing h n.
Remarks:

Deck Officer 2. Stander Recorder Fill 11-1023



(2)	98
1 - 01	ate, = 10000000 100 100 100
	Reel - Shot ? . 1bs.
Turns Cor'n	Depth 1457 fms.
sag. cup Sigsbee	Amt. Bot'm Sample
Character of Bottom	for
Thermom, $\left\{egin{aligned} Make \\ \mathcal{N}_0, \end{aligned}\right.$	Cor'n Stem.
Bottom Reading	
Temp. Surf. Tin	ne ] - 10   dir   66 "
Density: Surf.	fms.
Wind: Direction WES	Force 3
Baromel. 30.73 Amt.	of State of C
Weather be	
$Direction \ and \ Force \left\{ egin{array}{ll} Surface \ & Bottom \end{array}  ight.$	
Tide	
General Locality Off	rashington Coach
Position Tatorsh lo. Ly	Whears Notothe E (true) white in Distance
Chart used: No Plotting Sh	ut Bil'n
Drift: Direction	Distance.
Depth of Haul	
Apparatus and Rig used	
	Time towing h. m.
Remarks: .	

Deck Officer Cassis, Recorder

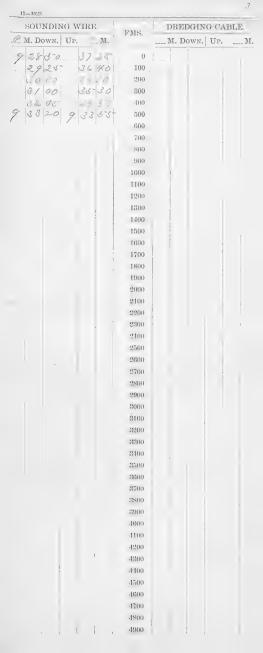
(22)
Hydrogs No. 6080 Date, Find . 19 15
Sale, Meh. Come Colo. Reel - Stoute 30 ths.
Turns Cor'n Depth fms.
Sdg. Cup Amt. Bot'm Sample
Character of no bottom
Thermon. $\begin{cases} Make & Cor'n \\ No. & Stem. \end{cases}$
Bottom Reading Cor'd Temp,
Temp, Surf. Time 8:05 \$ Air
Density: Surf. fms.
Wind: Direction Will Horee 3
Baromet. 30.22 Amt. of 8 State of Sea
Weather be
Surface
Direction and Force Surface of Current. Eiottom
Tide
General Locality of Washington Coash
7/1-14/3/
Position Tatooch So. Light hears Note E (true)
Chart used: No Plotting Sheeken distant 155 /18 mile
Position Satorch So. Light bears Note E (true) Chart used: No Plotting Sheeped in Distance
Depth of Haul
Apparatus and Rig used
appearants and they testile
Time towing $h$ , $m$ .
Remarks;

Drek Officer Vis. Commer Commer Commer Vis.

SOUNDING WIRE.	FMS. DREDGING CABI	E.
M. Down. UP. M.	M. Down, Up.	M
7 50:57 5700	0	
1 5/10 13 20	100	
5145 57 KS	200	
5145 576	300	
JE16 13 130	400	
7500 7505	500	
/	600	
	700	
1	800	
	900	
	1000	
	1200	
	1800	
	1400	
	1500	
	1600	
	1700	
	1800	
	1900	
	2000	
	2100	
	2200	
	2300	
i i i	2100 2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	8100	
	3200	
	3300	
	3100	
	8500	
	######################################	
	3800	
	3900	
	4000	
	4100	
	4200	
	4800	
	4100	
	4500	
	4600	
	4700	
	4800	
. 1	4900	

	23		(100	$\supset$	
Hydrog. No.		Date, 4	Tugue	· 7 /	3,19/3
Sag. Meh.		Rent d	ulas 4	that ;	30 lbs.
Turns	Cor'n		Depth		fms.
	ingle	Amt. B	ot'm mple		
Character of Bottom	110 00	rt.	wr.	5 - 1	
Thermom. $\begin{cases} Ma \\ No. \end{cases}$	ke.	Cor	$n$ $\begin{cases} Instr. \\ Stem. \end{cases}$		
Bottom Readin	\$		Cor'd Te	mp	
Temp. Surf.		Time 70 Time	06" } .	1ir	6.60_
Density: Surf.			fn	ıs,	
Wind: Directi	on 01.1. w	.46.	Forer		
Baromet. 3	0.22 An	nt. of	Sta S	te of	0
Weather 30	i.				
,,					
Direction and 1 of Gurrent.	Force Surface Boltom				
Tide					
	****				
General Localit	v off 7.	raslu	uglow	Coa	ch
Position Talk Chart used: M Drift: Direction	roch In t	all he	na Nega	LoFI	Tue 1
Chart went . N	Platting S	has die	stant,	50/13	mile-
Drift : Direction	No	19	13	7.3	
Depth of Haul	10 1 m m d n m m m m m m m m m m m m m		Distan	·e	
Apparatus and	Rid wood				
	1012 103000				
		Tim a t	owing	7.	m.
Remarks:		1 time ti	nong	160	

24 /01
Dredse No. 6091 Date, Chighs , 1918
Sag. Meh. Lucas Red Sucha Stoods 30 1bs.
Turns Cor'n Depth fms.
Sag. Cup asming ( saft soof Simple Character of Bottom Lile at 500
Thermom. $\begin{cases} \textit{Make} & \textit{Cor'n} \\ \textit{No.} & \textit{Stem.} \end{cases}$
Bottom Reading Cor'd Temp.
Temp. Surf. Time 9.000 Air
Density; Surffms.
Wind: Direction D. 1621 . Force 3
Buromet. 2 Amt. of State of Sea
Weather Sc
Direction and Force Surface
Tide
General Locality Off Washington Coast
Position Tatorsh Is diglit bears N 7042 E (tur
Charles of Plotting Short alstand 144 /13 miles
Drift: Direction No 9 Distance
Depth of Haut
Apparatus and Rig used
Time towing h. m.
7
Remarks:



Li. (1011) Bottom Reading Density: Surf.  $Direction \ and \ Force \ \begin{cases} Surface \\ of \ Current. \end{cases}$ General Locality Off Washington Coast Position Tator & Do. Light hears No 7045 E (mu)
Chart used: No Plotting Sheet distant 139 1/2 mile
Nog Distance 7.5. Annaratus and Rig used Time towing Remarks:

(26) Kel-0	1211 103
Hydrog No. 6000 Date,	Carrel 3 , 19 /3
Sdg. Mch. Recard Rec	Shot 35 Ths.
Turns Cor'n	Depth /450 ms.
2	mt. Bot'm Sample,
Character of Bottom Tile	+Or -
Thermom.	$t'or'n$ $\{Instr.$
Thermom. $\mathcal{N}_0$ .	Stem.
Bottom Reading	Cor'd Temp.
Temp. Surf. Time	11:0000 Air 57
Time	
Density: Surf.	fms.
Wind: Direction Ol. J.	Force
Baromet. 22.2 C Clouds	State of Co
Weather Se	
,	
Direction and Force Surface of Current.	
Tide	
General Locality Off Trans	lington Coast
Position Tato och Is. Light Chart used: No. Plotting Sheet No. 9	hears N 70 /2 E (tun)
Chart used: No. Plotting Sheet	Ed'n 1377
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towingh
Remarks:	

Deck Officer & C. Wick Recorder & The

0	104	
Dredor No. 26 1.	Date,	, 19
Sdg. Mch.	Reel .	Shot? 1b.
Turns Cor	'n Depth	0/
Sdg. Cup	Amt. Bot'm Sample	
Character of Bottom	6	
Thermon. Make	Cor'n Instr.	
Bottom Reading	Cor'd	Temp
Temp. Surf.	Time / 2, 30	Air
Density: Surf.		fms.
Wind: Direction 2	100 Force	3
Baromet: 119	Amt. of S	tate of Sea
Weather		***************************************
Direction and Force Surf of Current.		
Tide		
General Locality Off	Trashington	Coast
Position Tatooch S.	Light bears N7	0/2° E (Time)
Chart used : No Plotting	Shut distant	1294/13 miles
Drift: Direction	Dista	1
Depth of Haul		
Apparatus and Rig used		
	Time towing	h. m.
Remarks:		

SOUNDING WIRE.		DREDGING CABLE.
.7.	FMS.	The state of the s
M. Down. Up. M.		M. Dowy, Up, M.
122110 3050	. 0	
22 20	100	
	200	
2410 2840	300	
	-100	
7 =	500	
	600 700	1
	800	i i
;	900	1
	1000	
	1100	
	1200	:
	1300	
	1400	
	1500	
	1600	
	1700	
	1800	
	1900	
	2000	
	2100	
	2200	
	2300	
	2400	
	2500	
	2600	
1	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	2200	
	3400 3500	
	3600	
	3700	
	3800	
	3900	
	1000	
	-1100	
	4200	
	4300	
	4100	
	4500	
	4600	
	4700	
	4800	
	4900	

(3)	28
Arease No. 67 : Date	, 19
	rel ( Shot) 5. lbs.
Turns Cor'n	Depthfs. 0-0fms.
Sag. cup (1) your	Amt. Bot'm Sample
	: d. Idam
Character of Rottom	
Thermom. $ \begin{cases} Make \\ No. \end{cases} $	Cor'n Stem.
Bottom Reading	Cor'd Temp.
Temp. Surf. Time	Air Air
Density: Surf.	fms
Wind: Direction	Force State of
Baromet. 20 Amt. of Clouds	3 State of Sea
Weather .	
*	
Direction and Force Surface of Current.	
Tide	
General Locality off Ira	1107210011
Position Tatooch S. Leh Chart used: No Ptolling Skeet	hears Notote E (hue) distant +24th miles
1899	1/2/2
Drift: Direction	Distance
Depth of Haul.	
Apparatus and Rig used	
	Time towingh,m.
0 /	The state of the s
Remarks:	
e	Recorder Blakes

(

Thermom.  $\left\{ \begin{matrix} Make \\ No. \end{matrix} \right.$ Bottom Reading ... Direction and Force Surface of Current. Tide . General Locality Off Washington Coast Position Tatooch lo. Light bears N70 1/2 F (lun Chart used: No Plotting Sheet Rich 1494 miles Drift: Direction Depth of Haul Apparatus and Rig used Time towing Remarks:

SOUNDING WIRE.	FMS.	DREDGING CABI	LE.
M. Down. Up. M.	2 2015.	M. Down. Up.	3
1430 0210	0	1	
5500 0125	100		r
1130 0055	200		,
5600 20020	300		
5700 5940	400	i i	
5600 20020 5700 5940 5810 1 5900	500		
100	600	1	
1	700		
	800	10 A A A A A A A A A A A A A A A A A A A	
	900	i ,	и
	1000		
1	1100		
	1200		1
	1300		1
	1400		
	1500		
	1600		
	1700		
	1800		
	1900		
	2000		
	2100		
	2200	. 12 /	
	2300		
	2400		
	2500		
	2600		
	2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	33300		
	3400		
	3500		
	3600		
	3700		
:	3800		
	3900		1
	-1000		:
	-1100		
	4200		
	4300		
	4.100		
	4500		
	4600		
	4700		
	4800		

Sdg. Mch. Thermom.  $\begin{cases} Make \\ No. \end{cases}$ Bottom Reading . Density: Surf. Direction and Force Tide General Locality Off Washington Coast Position Tatorsh Is. Light hears N70/0 E Chart used: No Plotting Shet flistant 114 n 109 112. Depth of Haul Annaratus and Rig used Time towing Remarks.

Deck Officer

Recorder

11-1023

15 10%	St. A. Billow
Breage No Dat	
Sdg. Meh. R	Shot lbs.
Turns Cor'n	Depth 1430 fms.
Sag. Cup	Amt, Bot'm Sample
Character of Bottom	
Thermom. $\begin{cases} Make \\ Y_0 \end{cases}$	Cor'n { Instr.
Bottom Reading	. Cor'd Temp.
Temp. Surf. Time	Air dir
Density: Surf.	
Wind: Direction	. Force ,
Baromet, JO, 24 Amt. of Clouds	State of Sea
Weather	
Direction and Force Surface of Current.	
Tide	
General Locality Off Was	shington Coast
70 1 1 1 P 11	bears N 7042 E (tru) r clistant 1084/3 miles Distance
Position alorsh pod gut	Clistant 108-4/13 miles
Chart used: No Norman Nog	Ed'n / 7. 7.
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towingh,m.
Remarks:	
n. di. la	ROsharl
Deck Officer ,	Recorder

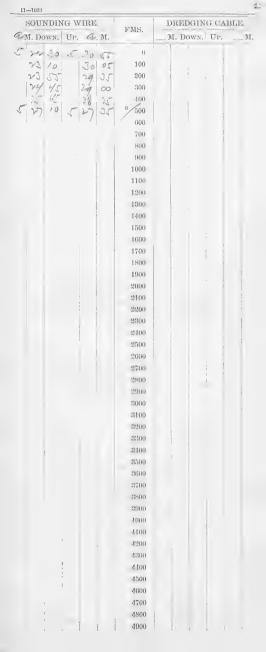
11--1023

(b)	'Sie/	
Brudge No. 6000 Date,	House was	10,19
Sag. Meh Re	el + Shot	} 1hs.
Turns Cor'n	Depth	fms,
	mt. Bot'm Sample	
Character of No boils	n	
Thermom. $\left\{ \begin{matrix} Make \\ \mathcal{N}o. \end{matrix} \right.$	$Cor'n \begin{cases} Instr. \\ Stem. \end{cases}$	
Bottom Reading	Cor'd Temp.	,) .
Temp. Surf. Time.	1.44 Air	000
Density: Surf.	fms.	
Wind: Direction	Force	-3
Baromet, 21. 20 Amt. of Clouds	State of Sea	72
Weather be		
Direction and Force Surface  Of Current.  Bottom		
Tide		
General Locality Off Was	lington Co	ash
Position Tatosh S. Light Chart used: Wollotting Sheet No 9	hears N70/2E	(true)
Chart used: No Nothing Sheet	Ed'n 707	1.2
Drift: Direction	Distance	
Depth of Haul		
Apparatus and Rig used		
	Time towing	h. $m$ .
Remarks:		

Deck Officer Mr Cassia, Recorder FIMIT-

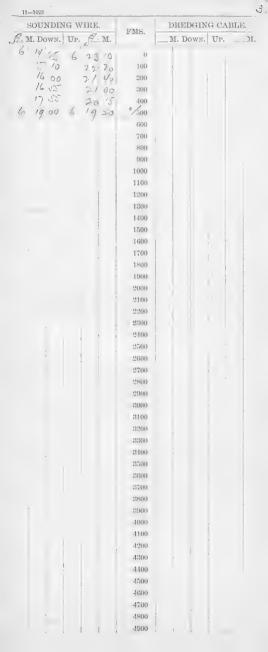
Remarks:

Deck Officer Mir. Cassilles Recorder



8	///
Hydrog No. 6 21 Dat	c. Fr. 1. 10/15
Sag. Meh. Latter 1	Reel Lead that
Turns Cor'n	Depth fms.
Sag. Cup.  Character of no botto.	Amt. Bot'm Sample
Thermom. $\left\{egin{aligned} Make & & & \\ \mathcal{N}o, & & & & \end{aligned}\right.$	$Cor'n$ $\begin{cases} Instr. & \dots \\ Stem. & \dots \end{cases}$
Bottom Reading	Cor'd Temp.
Temp. Surf. Time	Air
Density: Surf.	fms.
Wind: Direction 7V7V	Force 2 -3
Baromet. 30.2/ Amt. of Clouds	State of Sen
Weather Te	
Direction and Force Surface of Current.	
Tide	
· ·	as hing ton Coast
Position Tatooch Is Light	L bears K70/2. E ( lue)
Chart used: No. Plotting Shee	t Clistant 935/13 miles
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towing $h$ $m$ .
Remarks:	

Deck Officer Vice Committee Recorder S

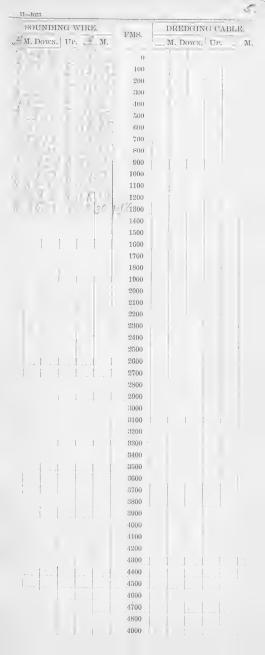


9 1/2	
Hydrog. No. 6/0 > Date,	£3
Sdg. Mch. L. Land Re	el L. Shot 2 1bs.
Turns Cor'n	Depth fms.
Site. Cup Character of no botto	mt. Bot'm 500 Sample
Thermom. $\begin{cases} Makr \\ No. \end{cases}$	Cor'n $Slem.$
Bottom Reading	Cor'd Temp.
Temp. Surf. Time	7:/3 My Air 620
Density: Surf.	fms.
Wind: Direction // //	Force 3
Baromel. 30.2/ Amt. of Clouds	21 State of 1/
Weather	
Direction and Force Surface Bottom .	
Tide	
General Locality Off Was	shington Coast
Position Tatooch So. Left	bears N 7042° E (Trus)  distant 8642 miles  Distance
Chart used: No Plotting Sheet	Ed'n
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towing $\dots$ $h$ , $\dots$ $m$ .
Remarks:	
Deck Officer ?" C. 12. 57	Recorder (77 1612)

11-1023		4
SOUNDING WIRE.		DREDGING CABLE.
/M. Down, Up. AM.	FMS.	M. Down, Up. M.
	0	
	100	1
0400 111 15	200	1
1500 10 05	300	
07 00 04 25	400	
~ M. 17 7 10 7.	500	
	600	
1 1	700	
	800	
1 1	900	
	1000	
	1100	
	1200	1
	1300	
	1400	
	1500	
1 1 1	1600	
	1700	
	1800	
	1900	
	2000	
	2100	
	2200	
	2800	
4	2400	
	2500	
:	2600	
	2700	
	2800	
1	2900	
	3000	
	3100	
1 1	. 3200	
	3300 3400	
	3500	1 1 1
	3600	
	3700	
	8800	1 2
4 1 4	3900	
	4000	
	4100	
	4200	1
	4800	
	4400	
	4500	
	4600	
	4700	
	4800	
	4900	

(0)	1/3,	
Hydrog No. 6/03	Date,	, 19
Sd.g. Meh. July 12 20 12	Reel	holy
Turns Cor'n		1268 ms
Sales. Cup Canada Character of Bottom	Amt. Bot'm Sample	
Thermom. $\left. \begin{cases} Make \\ No. \end{cases} \right.$	$Cor'n iggl\{ egin{array}{ll} Instr. \\ Stem. \end{array} iggr\}$	C.
Bottom Reading	Cor'd Ten	np.
Temp. Surf.	Time 5 / 5	$iir$ $\left\{ - \frac{1}{2} \right\}$
Density: Surf.	fm.	8
	Force .	
Baromet. 30:21	Amt. of Stat	r of .
Weather		
Direction and Force Surfa of Current.		
Tide		
General Locality	Washington	Coast
Position Latooch bod	Shar Distant 8	OF ( till)
Drift: Direction	09 Sistance	
Depth of Haul		
Apparatus and Rig used		
	Time towns	h. $m$ .
Remarks:		

Deck Optor C. Mark William Recorder Million



Bredge So. 6/0 9 Date		
Sdg. Mch. Into Re	el L.	Lead & O lbs.
Turns Cor'n	Depth Int Rot'm	SDO fms.
	mt. Bot'm Sample	
Character of No Solice	32.0	
Thermom. $\left\{egin{align*}{l} \mathcal{M}ake & \dots \\ \mathcal{N}o. & \dots \end{array}\right.$	$Cor'n$ $\begin{cases} Instr. \\ Stem. \end{cases}$	
Bottom Reading	Cor'd	Temp
Temp. Surf. Time	9:0)	dir 633
Density: Surf.		fms,
Wind: Direction West	Force	3
Baromet, 30. 24 Amt. of Clouds	S	State of Sea
Weather To		
Direction and Force Surface of Ourrent.		
Tide		
General Locality off Wa		Coast
General Locality off Wa		Coast
General Locality off Wa		03/19/4
	thears IV	70/2°E (twe)
General Locality Off Wa Position Tatorah Lo. Lyke Churt used: No. Plotting Sheet Nog	thears IV	70/2°E (twe).
General Locality Off Wa Position Tatorsh Lo. Loft Chart used: No. Plotting Sheet No. Q Drift: Direction	thears IV	70/2°E (twe).
General Locality Off Wa Position Tatorsh Lo. Loft Chart used: Wo. Clothing Sheet Wo. Of Drift: Direction Depth of Haul.	thears IV	70/2°E (twe).
General Locality Off Wa Position Tatorsh Lo. Loft Chart used: Wo. Clothing Sheet Wo. Of Drift: Direction Depth of Haul.	thears IV	70/2°E (twe).
General Locality Off Wa Position Tatorsh Lo. Loft Chart used: Wo. Clothing Sheet Wo. Of Drift: Direction Depth of Haul.	thears IV	70/2 E (tru).
General Locality Off Wa  Position Tatorah Lo. Loft  Chart used: No. Plotting Sheet  No. Plotting Sheet  No. Plotting  Popil: Direction  Depth of Haut.  Apparatus and Rig used.	thears N distant Ed'n Dist	70/2 E (tru).
General Locality Off Wa Position Tatorsh Lo. Loft Chart used: Wo. Clothing Sheet Wo. Of Drift: Direction Depth of Haul.	thears N distant Ed'n Dist	70/2 E (tru).
General Locality Off Wa  Position Tatorah Lo. Loft  Chart used: No. Plotting Sheet  No. Plotting Sheet  No. Plotting  Popil: Direction  Depth of Haut.  Apparatus and Rig used.	thears N distant Ed'n Dist	70/2 E (tru).
General Locality Off Wa  Position Tatorah Lo. Loft  Chart used: No. Plotting Sheet  No. Plotting Sheet  No. Plotting  Popil: Direction  Depth of Haut.  Apparatus and Rig used.	thears N distant Ed'n Dist	70/2 E (tru).
General Locality Off Wa  Position Tatorah Lo. Loft  Chart used: No. Plotting Sheet  No. Plotting Sheet  No. Plotting  Popil: Direction  Depth of Haut.  Apparatus and Rig used.	thears N distant Ed'n Dist	70/2 E (tru).

Deck Officer Mr. Gilli Recorder 15 THI

,	
Dronge No. 6/05	Date, , 19
Sd.g. Meh.	Reet Z Short Co 1bs
Turns Cor'n	Depth fms
sag. outland	Amt. Bot'm Sample
	ottom
Thermom.	Cor'n $Instr.$
Thermom. $\{_{No},$	(Stem.
Bottom Reading	Cor'd Temp,
(5-	rime f
Temp. Surf.	rime } dir {
Density: Surf.	fms
Wind: Direction Allera	. ,
Baromet. 31:24 An	nt, of State of nuds
Weather	-1
Dimetion and Thomas (Surface	
$\begin{array}{c} \textit{Direction and Force} \\ \textit{of Current.} \end{array} \begin{cases} \textit{Surface} \\ \textit{Boltom} \end{cases}$	
Tide	
General Locality Off	Washington Coast
WT 10.	ght bears N 70/8 E (true)
Position alook do. L	ght hears 11 70/2 E ( me)
Chart used: No.	Ed'n
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
vappin with the they work	
	Time towing h. m
Remarks: .	
^	J
Deck Officer .	Recorder.

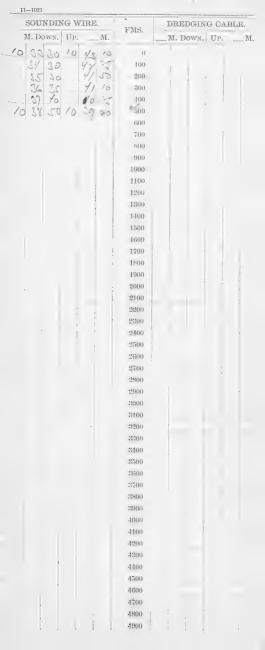
11---1023

SOUNDING WIRE.	233.00	DREDGING CA	BLE.
A. DOWN. UP. A.M.	FMS.	M. Down, Up.	
9 44 30 9 84 35	0	1	
15/2 300	100		
4-50 57.00	200		
46 45 5210	300		
17:2	400		
0 47 15 3 4750	5/500	2	
	600		
1. 1	700	. !	
	800		
	900		
	1000	1	
1 1 1 1	1100	1 .	
	1200		
	1300		
	1400 1500		
	1600		
t	1700		
	1800	,	
	1900		
	2000		
	2100		
	2200		
	2300		1
	2100		
	2500		
	2600		
	2700		
	2800		1
	2900		
	3000		
	3100		
	3300		
	3100		
	3500		
	3600		
1 - 1 - 1	3700		
	3800		
	3900		
	-1000		
	-1100	. 1	
	4200		
	4300		
	4400		
!	4500		
	4600		
	4700	1	
	4800	. :	
	1900		

<i>)</i> '
Dredge No. Date, ,19
Site. Meh. Reel Lends 20 1bs.
Turns Cor'n Depth 6 fms.
Sag, Cup Sample
Character of Bottom
(Make Instr.
Thermom. $\{\mathcal{N}_0, \dots, \mathcal{N}_{O}\}$
Bottom Reading Cor'd Temp.
Temp. Surf. Time Air
Temp. Surf.   Air
Density: Surf. fms.
Wind: Direction Allie Porce
Baromet 3 0:2 2 Amt. of State of Sea
Weather
Direction and Women Surface
Direction and Force Surface of Current.  Bottom
Tide
General Locality Off Washington Coast
71.0291.101
Position Tatooch So. Light hears K70/10E (true)
Position Tatooch So. Light hears K701/0E (true). Charl used: No Plotting Such Edin to 7 8/12 miles
Drift: Direction Distance Distance
Depth of Haul
Apparatus and Rig used -
Time towing
Remarks:
Romer No.

Deck Officer . Me & 2)

Recorder ' :



Bredge No Date	,, , 19
Sag. Mch / Re	el Shot leads 1bs.
Turns Cor'n	Depth fms.
Sag. Cup.	mt. Bot'm Sample
Character of Bottom	
Thermom.	Gor'n Instr.
No.	Stem.
Bottom Reading	Cor'd Temp.
Temp. Surf. Time	Air   1.1.
Density: Surf.	fms
Wind: Direction	Force
Baromet. 30:23 Amt. of Clouds	State of A
Weather	
Direction and Force Surface of Current.	
Tide	
General Locality Off mas	My ton Coast
Position Tatooch So. Lyl	it bears N 70/2° E (time) distant 6242 miles
Chart used: N. Plotting Sheet	Ed'n 67.11
Drift: Direction	Distance
Depth of Haul	
Apparatus and Rig used	
	Time towing h. m
Remarks:	

Recorder Los les

SOUNDING WIRE.	777.50		DREDGING CABLE.				
M. Down. Up M.	FMS.		M.	Dow	N.	UP.	M
tally officer	()	-	1				
	100						
$T_{i}$	200	1					
X 50.0 Oct 10	300						
	400						
1	500						
	600				1	1	
	700			1			
1 1	800						
	900			•			
	1000						- :
	1100					1	,
	1200 1300						
	1400				1		
	1500				-		
	1600				ì	1	
	1700						
	1800						
	1900						
	2000						
	2100						1
	2200						
	2300						
	2400						
	2500 2600						
	2700						
i i	2800						
	2900						
į.	3000						
	3100						
	3200						
	8300					1	
	3400						
	3500						
	3600						
1	3700					1	
, ,	3800						
	3900						
	4000 4100						1
	4200						
	4800						1
	4400						
	4500						

Deck Omeer Les Glick Recorder ....

11—1023	CROPY.		3-
SOUNDING WIRE.		DREDGIN	G CLARE
	M. FMS.		
/		M. Down.	UPM.
1	0		
	100	1 1 1	1 11
Market Company	. 200	1	
	200		1
11 11111 11	: 400		
	500 600		
	4 700	1 1	
	800		
	. 900		
	1000		
	1100		
	1200		;
	1300		
	1400		1
	1500	1	
	1600	i	
	1700		,
	1800		
	1900		
	5000		1
	2100		ŕ
	2200		
	2300		
i	2400		
	2500		
	2600 2700		
	2800		
	2900		
	3000		
	3100		
	3200		
	3300		
	3100		
	3500		
	3600		
	3700		
	3800		
	3900		1
	-1000		
	4100		
	4200		
	4300		
	4400 4500		
	-1600		
	4700		
	4800		
	4900		

(6)
Hydrog No. 6 19 Date, Clase H , 1916
Sag. Mch. Reel Reel Shott Leads & Ths.
Turns Cor'n Depth 490 fms.
Site. Cup Liver iglat. Amt. Bot'm
Character of Ro Rample
Thermon. $\begin{cases} Make & Cor'n \\ No. & Stem. \end{cases}$
No. Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. 5-6° Time 1:00P dir 54.°
Density: Surf fms.
Wind: Direction Amt. of / State of 201
Baromet. 30,22 Amt. of 4 State of 724
Weather be
Direction and Force $Surface$ of Current.
Tide
General Locality Off Washington Coast
Position Tatrock Is Light bears K 70/2 E (true) Chart used: No Plotting Sheef Ed (Stand 52% miles
Charles of Plotting Sheet ed istant 32/2 miles
Drift: Direction No 9 Distance
Depth of Haul
Apparatus and Rig used
Tapport action action and action acti
Time towingh
Remarks: Register read -20
actives and the second
-

Deck Officer Line Line of Recorder 195 10 11-1023 19

SOUNDING WIRE.	DREDGING CABLE.
M. Down. Up. M.	M. Down, Up.
	0
11000 11000	100
// //	200
13 00 17 40	300
140 1700	400
11600 1/230 -70	
, , , , , , , , , , , , , , , , , , , ,	600
	700
	800
	900
	000
	100
	200
	300
	400
	500
	600
	700
1	800
1	900
:	2000 -
:	2100
	2200
	300
	100
	500
	2G00
	2700
	2800
	9900
	8100
	2200
	300
	100
	500
	3600
	2700
	800
	900
	100
	100
	200
	100
	1500 1600
	1700 1800
	900

17	120		
predge No. 6110 Hydrog No. 6110	Date,	ang 1	4 , 1915-
Sdg. Mch. Lucas	Reel 7	reas She	30 lbs.
Turns Con	r'n	Depth	40 fms.
Turns Con Sag. Cup Channing (Asq. Character of	treep Amt.	Bot'm ample	
Character of 194	X) gri	an sl	rall
Character of Bottom (94)  Thermon. Make	C	$or'n \begin{cases} Instr. \\ Stem. \end{cases}$	
Bottom Reading		Cor'd Tem	p
Temp. Surf.  Density: Surf.  Wind: Direction Of Baromet, 3.0, 3.2.  Weather	Time 21	ai	r {
Density: Surf.		fms	
Wind: Direction W	NU	Force 3	
Baromet. 30, 32	Amt. of Clouds	4 State	of M
Weather Sc			
Direction and Force $\begin{cases} Su \\ of Current. \end{cases}$	erface		
Tide			
		-	0 1
General Locality	4 max	rhough	n Coast
Position Tetoosh a	b. Light le	ears N90	45 (true)
Position Tatrock of Chart used: NoPlots Drift: Direction	ting Shut Ed	listant 4	7 mile
Drift: Direction	. No 9	Distance	36
Depth of Haul			
Apparatus and Rig used	t		
	Tin	ne towing	
Remarks:			
			****
		٠٠٠٠٠٠٠٠٠	0.00
Deck Officer Tous	Shepley	Recorder	5 Delorg

	SOU.	NDI	IG V	VIRE	1.	FMS.	DR	EDGIN	G CA	BLE.
PI	I. Do	wn.	UP.	P	_M.	rms.	M.	Down.	UP.	I
,	1-17	00	2	41	111					
	100	WA		11	11-	100				
	37	30		0/	10	200				
,	58	50	2	00	40	9 46 4 900				-
/	0.7	0-0	d	00	20	240 800	-			
						400				
						500				- 10
						600			- +	-
-						700			- 64	-
						800		-		-
						900	-		-	
						1000				-
						1100				
						1200				
						1300				-
						1400				
						1500				
						1600				
						1700				
						1800				
						1900				
						2000				
						2100	. 1			
					8	2200				
						2800				
						2400				
						2500				
						2600			1	
						2700				
						2800				
						2900				
						3000				
						3100				
						3200	-			
						3300				
						3400				- 14
						3500		1		
						3600				
						3700				
						3800				172
						8900				
						4000				
						4100				
						4200				
						4300				
						4400				
						4500				
						4600				
						4700				
						4800				
						4900				

121
mudes 6111 and 1st into
Hydrog. No. Date, 1910
Brodge No. 6111 Date, ang 1 \$ , 1918 Hydrog No. 6111 Reel & Short 30 lbs.
Turns Depth 2 10 fms.
Sag. Cun Doft Dood Amt. Bot'm Sample
Sdg. Mch. Cor'n Reed Lead 10s.  Turns Cor'n Depth 2   0 fms.  Sdg. Cup North Dood Amt. Bot'm Sample Character of Bottom  Thermon. Make Cor'n Stem.  Bottom Reading Cor'd Temp.  Temp. Surf. Time 2 02 67  Time 4 17  Time 5 18s.
(Males (Instr
Thermon.
(Stem
Bottom Reading Cor'd Temp.
Time din
Temp. Surf. {
Densitu: Surffms.
Wind Direction W X & Horse 3
Wina: Direction & Amt. of / State of M
Density: Surf. fms.  Wind: Direction & Roree 3  Baromet. 20. 15 Amt. of State of No.  Weather
Weather
(Surface
Direction and Force Surface Bottom
Tide . The second contract of the second c
General Locality Off Washington Coast
General Locality Off Washington Coast
General Locality Off Washington Coast  66940'  Praction Pachena R. Light bears N70° E (true)
Position Pachena Pr. Light bears N 70° E (true)
Position Pachena Pr. Light bears N70° F (true). Chart used: No Plotting Sheet Ba'n 417
General Locality Off Praxhington Coast  Position Pachena Br. Light bears N70°F (true)  Chart used: No Plotting Sheet Ed'n  Prof Diff: Direction  Distance
General Locality Off Praxhington Coast  Bostion Pachena Br. Light bears N 70° F (true)  Chart used: No Plotting Sheet Ed'n Hi7  Drift: Direction Distance  Depth of Haul
General Locality Off Trashington Coast  Position Pachena Br. Light bears N 70° F (true)  Chart used: No Plotting Sheet Ed'n 41.7  Drift: Direction Distance  Depth of Haul  Apparatus and Rig used
Position Vacheura Pt. Lagher bears N70° E (true).  Chart used: No Plotting Sheet Bd'n H17  Drift: Direction. Distance  Depth of Haul
Position Vacheura Pt. Lagher bears N70° E (true).  Chart used: No Plotting Sheet Bd'n H17  Drift: Direction. Distance  Depth of Haul
Position Tachena Br. Laft bears N 70° F (true) Chart used: No Plotting Sheet Ed'n 44.7 Drift: Direction Distance Depth of Haul Apparatus and Rig used
Position Vacheura Pt. Light bears N70° F (true) Chart used: No Plotting Sheet Bd'n Prift: Direction Depth of Haul Apparatus and Rig used Time towing h. m.
Position Vacheura Pt. Light bears N70° F (true) Chart used: No Plotting Sheet Bd'n Prift: Direction Depth of Haul Apparatus and Rig used Time towing h. m.
Position Vacheura Pt. Light bears N70° F (true) Chart used: No Plotting Sheet Bd'n Prift: Direction Depth of Haul Apparatus and Rig used Time towing h. m.
Position Vacheura Pt. Light bears N70° F (true) Chart used: No Plotting Sheet Bd'n Prift: Direction Depth of Haul Apparatus and Rig used Time towing h. m.
Position Vacheura Pt. Light bears N70° F (true) Chart used: No Plotting Sheet Bd'n Prift: Direction Depth of Haul Apparatus and Rig used Time towing h. m.
Position Vacheura Pt. Light bears N70° F (true) Chart used: No Plotting Sheet Bd'n Prift: Direction Depth of Haul Apparatus and Rig used Time towing h. m.
Position Vacheura Pt. Light bears N70° F (true) Chart used: No Plotting Sheet Bd'n Prift: Direction Depth of Haul Apparatus and Rig used Time towing h. m.
Position Vacheura Pt. Light bears N70° F (true) Chart used: No Plotting Sheet Bd'n Prift: Direction Depth of Haul Apparatus and Rig used Time towing h. m.
Position Vacheura Pr. Lafter bears N70°F (true) Chart used: No Plotting Sheet Ed'n Hill Drift: Direction Distance Depth of Haul Apparatus and Rig used Time towing h. m.
Position Vacheura Pt. Light bears N70° F (true) Chart used: No Plotting Sheet Bd'n Prift: Direction Depth of Haul Apparatus and Rig used Time towing h. m.